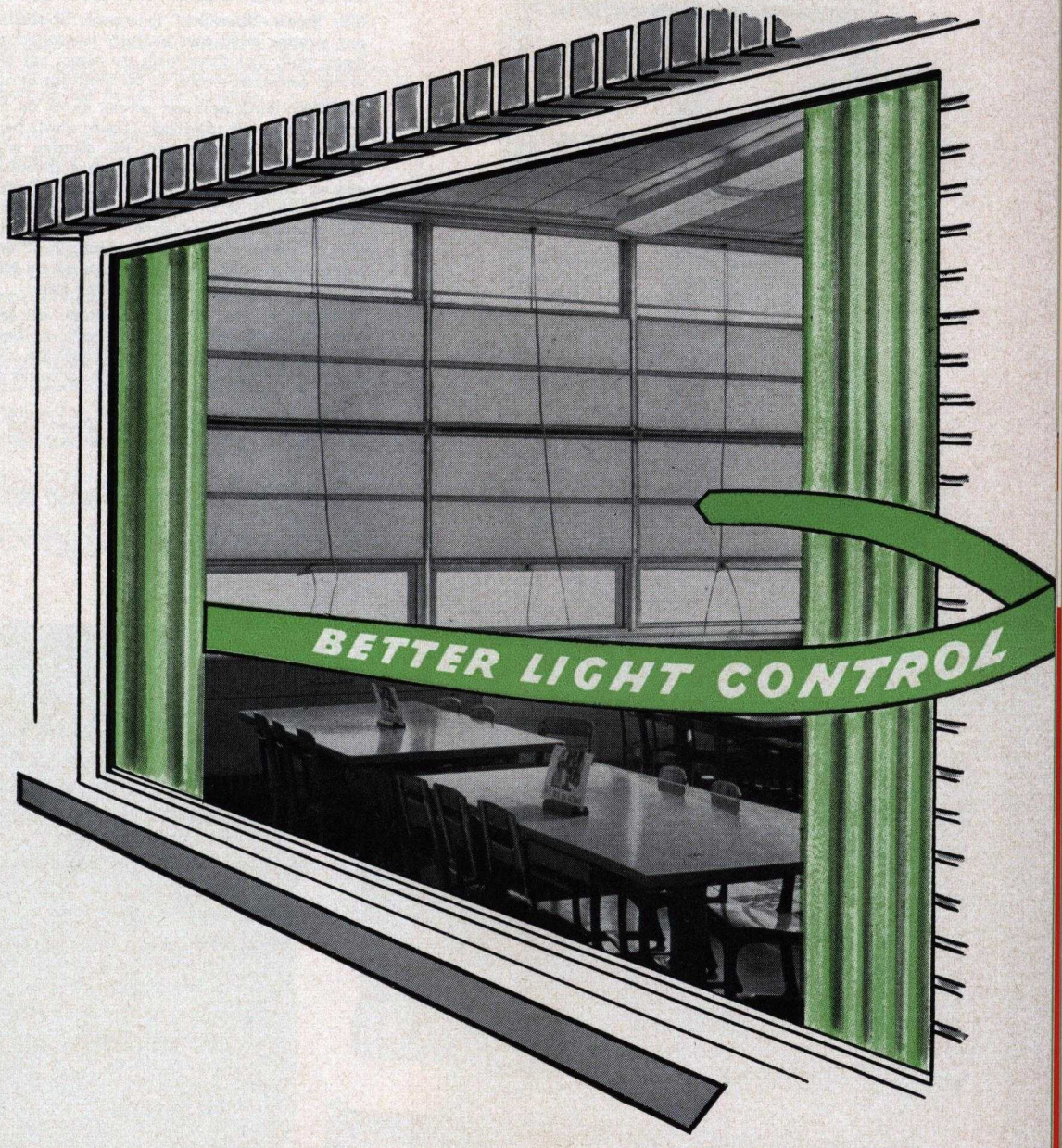
RICE

WINDOW SHADES *and* DRAPERIES



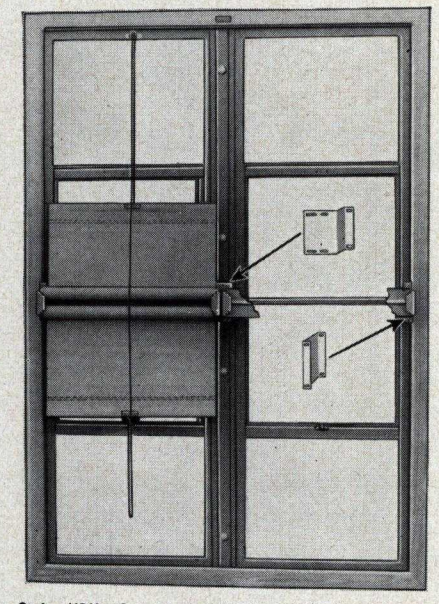
CHAS. W. RICE & COMPANY, INC.
UNION CITY, INDIANA

TRANSLUCENT SHADES

Today you can have natural light from any part of the window. Harmful glare is turned into usable, transfused light—without sacrificing natural illumination.

To properly control light in rooms illuminated by natural light—yet exclude shadows. Rice engineers have developed a complete line of cloth window shades to meet these needs. Light control should start at the bottom of the window. Top light is the best usable light, when used with transfused bottom light.

typical installation



Style "B"—Special installation on banks of steel sash using No. 500 and No. 19 Brackets

specifications

SINGLE ROLLER SHADES: Shall consist of complete single shade to be mounted at top of window and pull down to cover entire window. Special conditions may necessitate mounting shade elsewhere than at extreme top of window; or may require mounting shade at bottom of window to pull up with "lock" pulley at top, or on sash as on swinging sash. (Note to Architect: If special conditions exist, specify them here or later.)

DOUBLE ROLLER SHADE: Shall consist of two shades mounted on a steel one-piece "Litestrip" so entire assembly can be mounted as one unit at center of window. The Litestrip shall consist of a formed strip of steel extending across window (to eliminate direct sun rays when shades are drawn to full length) and a double bracket riveted to each end of the formed steel strip. The entire assembly shall be easily demountable from window as one unit, for washing windows, etc. The Litestrip shall have baked enameled finish in color to harmonize with the shades. The complete unit to be delivered tested, assembled and ready to install.

CLOTH: Rice's Hub City Duck, or equal. It shall weigh approximately 8 oz. per sq. yd. and be fully bleached, pre-shrunk in width, dyed with Vat dye and unfilled. The color shall be Sunlight Ecru.

OR: Rice's "Rice-Tex" or equal. It shall weigh approximately 8 ounces per square yard and be fully bleached, pre-shrunk in width, mercerized, dyed with vat dyes with no filing but chemical impregnated to make it water resistant—color to be Sunlight Ecru.

SEWING: Both selvage edges shall be trimmed off and cut edges overcast to prevent raveling. There shall be a slat hem at both ends of the cloth to permit reversing the shades without further sewing. All hems shall be turned so stitching goes through three thicknesses of cloth and sewed with two rows of stitching. Each finished cloth, after hems are sewed, shall be at least 6 in. longer than the window opening for style "C" shades and for style "B" the two shade cloths combined must be 12 in. longer than opening length it is to cover. All cloths shall be attached to rollers in such manner as to prevent pulling cloth off roller. Roller must not be inserted in top hem.

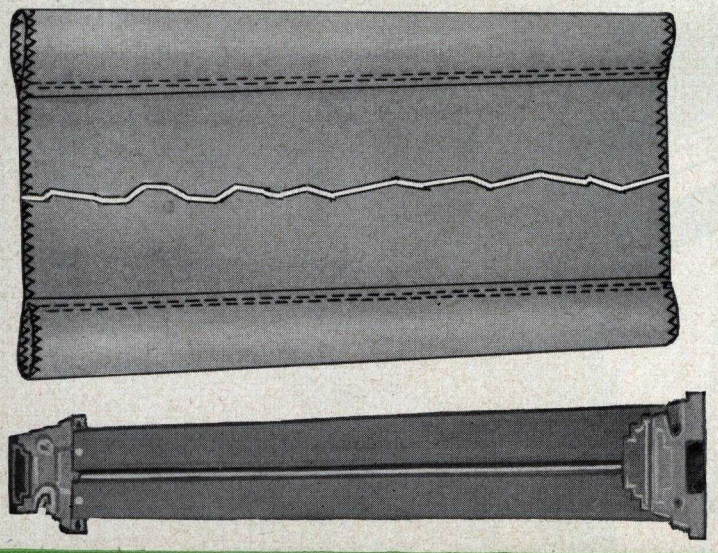
METAL ROLLER: To be one-piece all metal barrel similar to Chas W. Rice & Company, Inc., Hold-fasT, or equal. All to have not less than 1¼ in. diameter roller and shall be slotted so that shade cloth may easily reversed and anchored to roller to insure against shade pulling off the roller.

WOOD ROLLERS: To be best grade and no roller used less than 1⅛ in. in diameter, shade cloth to be attached to roller with proper brads not tacks.

SLATS: Slats to be wood encased in metal: the metal to be not less than .010 in. thick.

SAMPLES REQUIRED: Successful bidder shall be responsible for correct measurements.

FEATURES



Shade Cloths

Hub City Ecru Duck and Rice-Tex cloths are unfilled, fully bleached, pre-shrunk and vat dyed. Rice-Tex is water-resistant (not water proofed) and has no coating. The water-resistant formula is impregnated into the threads which makes the cloth resist water and stains, and is easy to keep clean. Rice-Tex will retain its water-resistant qualities after going to the laundry several times. Like Hub City Duck, this cloth eliminates harmful glare by permitting only pure transfused light to pass through the material. Both cloths may be laundered without discoloration or injury to the cloth. Other available cloths include Pyroxylin, Flame Resistants, Oils, 100% lightproof and Shadow Proof.

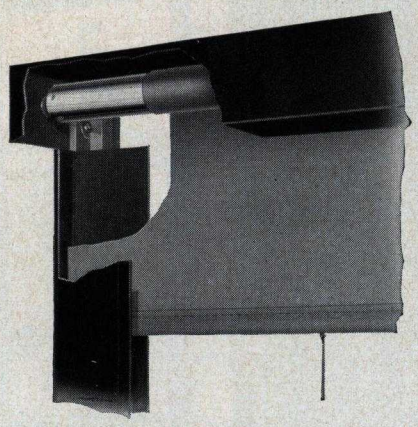
Litestrip

Easily operated one-piece demountable Litestrip permits the shade assembly to be removed and replaced quickly from the window for cleaning, painting and window repair. It holds two shades, and is a complete unit, with no loose parts, ready to install.

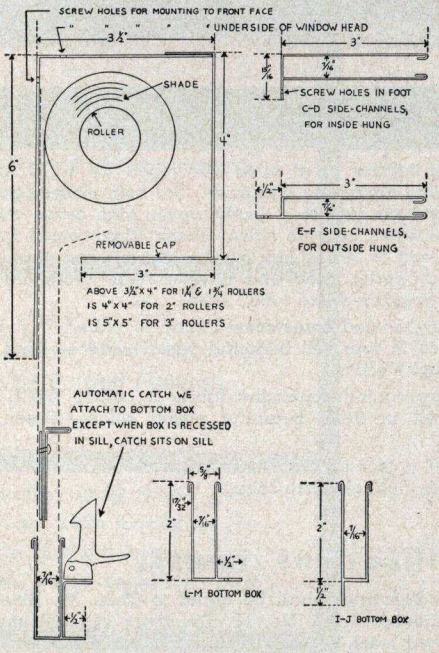
LIGHTPROOF SHADES

Lightproof shades must be built for the windows they are to serve—all built with an apron—or wide metal slat to fit into bottom box at slat hem, and can be used with or without side-channels and boxes as light control may require. Cloths include Black Duck, 100% lightproof Black fabric or special Black heavy types.

Experience has proved that single shades are more efficient for darkening than double shades. Single hung shades are arranged to operate inside the side-channels, thus eliminating all light.



Detail drawing and window preparation for darkening shades using side-channels, top and bottom enclosures.



specifications

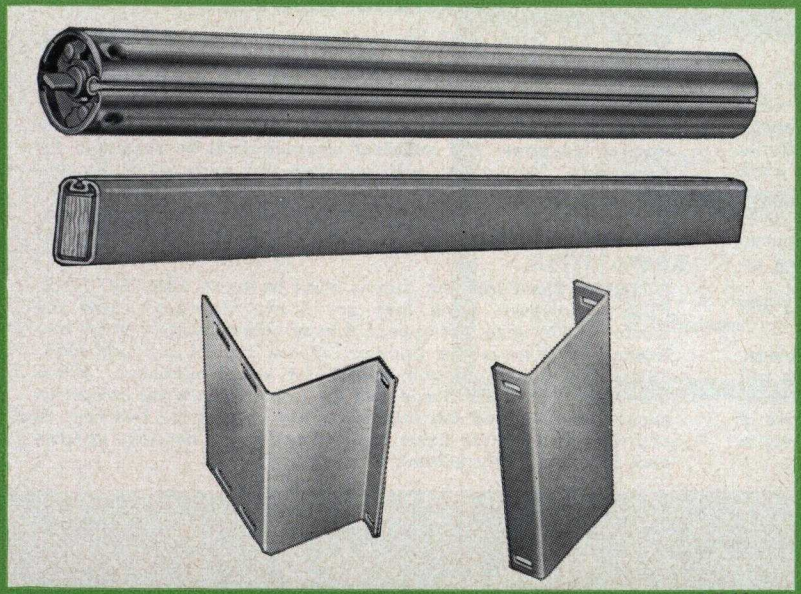
GENERAL DESCRIPTION: Each shade assembly shall consist of roller shade, metal housing for shade at top of window, side channels, bottom channel across sill, bottom bar on shade, concealed stays or braces in shade and automatic latch to hold shade in bottom channel.

Side channels and sill channel shall be made of 18 gauge steel: all to be finished with Black baked enamel (or color specified by Architect).

CLOTH, LIGHTPROOF: (Blacvin cloth meets these specifications.) Shall be constructed of basic cotton textile equal or stronger than 1.85 Drill, 64 x 44 or greater thread count—shall be coated both sides. Coating shall be Vinyl Resin at least 5.5 ounces on each side. (Basis 36" x 54".) Finished fabric shall be waterproof, washable and 100% lightproof.

ALTERNATE: (96/18 cloth meets these specifications.) Double texture (two finely woven high-grade sheetings cemented together) waterproof, washable and 100% lightproof. The sheetings shall be dyed Black before being cemented together. The cementing compound shall remain soft and pliable and 100% lightproof under all weather conditions.

ALL stitching in exposed parts of shade must be covered with suitable substance to make needle holes as lightproof as body of shade. Installer shall properly caulk around channels and boxes to insure 100% lightproofing where 100% lightproof condition is required.



* T.M.

Roller

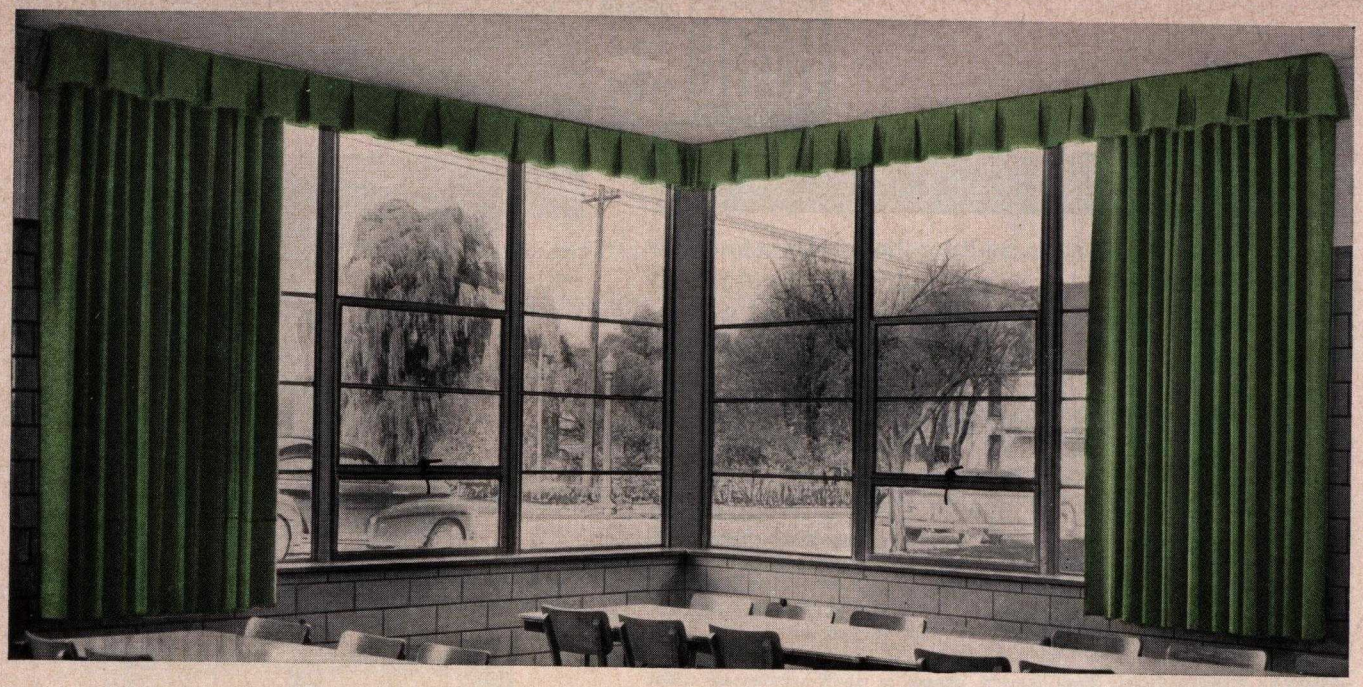
Hold-fasT* one piece metal roller is plated inside and outside, and lacquer sealed to prevent rust. It was designed by Rice engineers to eliminate use of tacks and tools for attaching the shade to the roller. The roller is slotted so that the shade easily slides on and is anchored to the roller preventing the shade from pulling off.

Slats

Two types: A wood slat; and a metal slat made from a rectangular metal tube, filled with a wood core, plated and lacquered.

Brackets

Extension brackets to hold the shade away from the sash, to miss extended hardware, can be provided with an extended flange to hold the shade over the mullion side of a bank of windows. The No. 500 bracket for the center mullion carries two double-hung shade brackets with one foot (two holes to drill instead of four) extension and carries the cloth over the mullion giving better light control by overlapping. The brackets are formed of heavy 14 gauge metal.



DRAPERIES

Drapery fabrics have been developed by RICE for both translucent and darkening draperies. For both translucent and darkening they have fabrics of finely woven high grade cotton sheetings —Vinyl-coated on both sides. These Vinyl-coated fabrics will not stretch, sag or shrink and can be laid flat and washed. For translucent draperies, they also have a "soft" cloth (no coating) that can be laundered like a bed sheet.

The Vinyl-coated **translucent** fabric is called "TV FABRIC" and is offered in four soft beautiful pastel shades—Mint Green, Gold, Beige and Mocca.

The Vinyl-coated **darkening** fabric is called "RICE-TWEED" and is offered in three beautiful pastel colors—Green, Cream and Gray.

The soft (uncoated **translucent** cloth is called "RICE-TEX" and is offered in Sunlight Ecru color.

specifications GENERAL

TRACK: The track shall be equal to Chas. W. Rice & Company, Inc., Traverse Track No. 15. The track channel shall be electro zinc-plated steel, at least 19 gauge (.040 in.) thick.

OPERATIONS: The type of operation, whether "traverse cord" or "hand-operated," shall be as chosen by the buyer. The Carriers, in the track, shall have wheels made of steel, hardened, plated and polished.

If the drapery is "traverse cord" operated, a wall (or floor) pulley shall be furnished with each drapery. The wall (or floor) pulley shall be equal to Chas. W. Rice & Company, Inc., No. 1510 Wall Pulley. The cord shall be, at least No. 4 Hard-Braided and Glazed Cord.

If the drapery is to be "hand operated," a "pull" shall be attached to each master carrier or to the leading edge of each drapery panel. The "pull" shall be long enough to be easily reached by the operator and shall be made of the same material as the drapery (preferred) or shall be a fancy decorative cord.

REINFORCEMENT: Across the back of the head of the drapery shall be sewed a reinforcement equivalent, at least, to two thicknesses of 8 oz. Duck. Grommets, for carrier hooks, shall be spaced 6 in. apart across the head of the drapery fabric and the reinforcement.

The hems up the sides shall be turned under so the stitching will go through three thicknesses of cloth.

Splices shall be formed by turning the edges of the two pieces of cloth, interlocking the two turned edges so the raw edges will be concealed within the splice and the stitching shall go through four thicknesses of cloth; and shall be sewed with two rows of stitching. Weights shall be concealed and sewed into pockets in each of the two bottom corners of each drapery panel.

VALANCE: A valance 9 in. high, made of the same material as the drapery, shall be furnished with the drapery and installed across the head of the assembly—and shall be extended far enough from the track to prevent its interfering with the folding and operation of the drapery.

OVERLAP: When a drapery consists of two panels on one track, when the panels are drawn closed they shall lap each other at least 8 in. at the center of the track.

TRANSLUCENT DRAPERIES

CLOTH: The fabric ("TV" FABRIC) shall be on a finely woven, high grade, cotton sheeting. The pattern shall be woven into the sheeting. The textile shall be fully bleached and then dyed with Vat dyes; then treated for flame-resistance; and then an application of translucent Vinyl-coating shall be impregnated into the threads of the textile on both sides. The finished fabric shall be sufficiently flame-resistant to meet the tests of the buyer, and a sample at least 6 in. square shall be submitted with the quotation for those tests. Color shall be selected by the buyer.

ALTERNATE: RICE-TEX drapery specifications shall be as follows: Material shall be cotton duck weighing approximately 8 oz. per sq. yd. fully bleached, unfilled, mercerized, dyed with Vat dyes in Sunlight Ecru color; and then impregnated with a water-resistant solution making the cloth water-resistant, and keeping these water-resistant qualities after cleaning and washing.

A 9 in. high valance, made of same material as drapery, shall be furnished as part of the drapery assembly. The valance shall be made with 50% fullness.

FULLNESS: The draperies shall be made with 50% fullness. (Note to architect: Greater fullness can be specified, if desired.)

DARKENING DRAPERIES

CLOTH: The fabric shall be constructed on a finely woven, high grade cotton sheeting. The sheeting shall be Vinyl coated on both sides. The coating on the back shall be at least 7 oz. per square yard and on the face shall be at least 10 oz. per square yard. The fabric shall be sufficiently flame resistant to meet the tests of the buyer and sufficient samples shall be submitted for those tests. The coating must not show any evidence of discoloration or stiffening after 125 hours of Fadeometer exposure at 110° F.; and must withstand rigid tests for Flex Life, Abrasion, Staining, Blocking, Cracking, etc. The color shall be as chosen by the buyer.

FULLNESS: The darkening drapes shall be made with "NO FULLNESS." However, when they are drawn closed to cover the windows, they must not appear skimpy—there must be some free looseness, (Note to the architect: These fabrics are not 100% lightproof, but are opaque enough for visual education. When draperies are drawn closed and the lights are out the draperies cannot be seen and the fullness is not necessary. However, if occasions will require lights to be on and more luxurious appearance is desired, any fullness can be specified.)

Digitized by:

ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

https://archive.org/details/buildingtechnologyheritagelibrary

From the collection of:

Carol J. Dyson, AIA